

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
1	BRS	L1	3383	(insulin-like adj growth adj factor-1) or IGF-1	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 16:10			0
2	BRS	L2	8	(composition same ((insulin-like adj growth adj factor-1) or IGF-1)) same solubilizing	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 16:10			0
3	BRS	L3	28	(composition same ((insulin-like adj growth adj factor-1) or IGF-1)) same (arginine or guanidinium or guanidine)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 16:11			0
4	BRS	L4	747	"12" adj mg/ml	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 16:12			0
5	BRS	L5	16728	pH adj 5.5	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 16:12			0
6	BRS	L6	60028	arginine or (guanidine adj hydrochloride) or N-acetyl-arginine or guanidinium	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 16:13			0
7	BRS	L7	501	solubilizing adj compound	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 16:14			0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
8	BRS	L8	2260	"200" adj mg/ml	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 16:17			0
9	BRS	L9	7	(2 or 3) same 5	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 16:50			0
10	BRS	L10	3	(2 or 3) same pH same mg/ml	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 16:48			0
11	BRS	L11	261839	(glutamic adj acid) or (maleic adj acid) or (succinic adj acid) or (citric adj acid) or imidazole or histidine	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 16:49			0
12	BRS	L12	18573	11 same buffer	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 16:50			0
13	BRS	L13	2	(2 or 3) same pH same 12	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/01/27 16:50			0

=> d his

(FILE 'HOME' ENTERED AT 17:12:44 ON 27 JAN 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT
17:13:39 ON 27 JAN 2004

L1 86011 S (INSULIN-LIKE GROWTH FACTOR-1) OR IGF-I
L2 3034 S COMPOSITION (P) L1
L3 73 S SOLUBILIZING COMPOUND
L4 368475 S ARGININE OR (GUANIDINE HYDROCHLORIDE) OR N-ACETYL-ARGININE OR
L5 1 S L2 (P) L4 (P) SOLUBILIZING
L6 1 S L2 (P) L3
L7 0 S L6 NOT L5
L8 0 S L2 (P) PH (P) MG/ML
L9 1 S BUFFER (P) PH (P) L2
L10 1 S L9 NOT L5
L11 450482 S (GLUTARIC ACID) OR (MALEIC ACID)OR (SUCCINIC ACID) OR (CITRIC
L12 11680 S L11 (P) BUFFER
L13 1 S L2 (P) L12
L14 1 S L13 NOT L9
L15 0 S L14 NOT L5
L16 328 S SHIRLEY B?/AU
L17 40 S BAJWA K?/AU
L18 2 S (L16 OR L17) AND L2
L19 2 DUPLICATE REMOVE L18 (0 DUPLICATES REMOVED)

=> log y

FILE 'MEDLINE' ENTERED AT 17:13:39 ON 27 JAN 2004

FILE 'CAPLUS' ENTERED AT 17:13:39 ON 27 JAN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE 'BIOSIS' ENTERED AT 17:13:39 ON 27 JAN 2004
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'EMBASE' ENTERED AT 17:13:39 ON 27 JAN 2004
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FILE 'SCISEARCH' ENTERED AT 17:13:39 ON 27 JAN 2004
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FILE 'AGRICOLA' ENTERED AT 17:13:39 ON 27 JAN 2004

=> s (insulin-like growth factor-1 or IGF-I
UNMATCHED LEFT PARENTHESIS '(INSULIN-LI'
The number of right parentheses in a query must be equal to the
number of left parentheses.

=> s (insulin-like growth factor-1) or IGF-I
5 FILES SEARCHED...
L1 86011 (INSULIN-LIKE GROWTH FACTOR-1) OR IGF-I

=> s composition (p) l1
L2 3034 COMPOSITION (P) L1

=> s solubilizing compound
L3 73 SOLUBILIZING COMPOUND

=> s arginine or (guanidine hydrochloride) or N-acetyl-arginine or guanidinium
L4 368475 ARGININE OR (GUANIDINE HYDROCHLORIDE) OR N-ACETYL-ARGININE OR
GUANIDINIUM

=> s l2 (p) l4 (p) solubilizing
L5 1 L2 (P) L4 (P) SOLUBILIZING

=> d l5 1 ibib abs

L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1999:325815 CAPLUS
DOCUMENT NUMBER: 130:343031
TITLE: Compositions providing for increased IGF-I solubility
INVENTOR(S): Shirley, Bret A.; Bajwa, Kamaljit
PATENT ASSIGNEE(S): Chiron Corporation, USA
SOURCE: PCT Int. Appl., 32 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

WO 9924063 A1 19990520 WO 1998-US23673 19981106

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ,
CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU,
ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,
MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ,
BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES,
FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI,
CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9915193 A1 19990531 AU 1999-15193 19981106

EP 1028748 A1 20000823 EP 1998-959383 19981106

EP 1028748 B1 20030502

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI

JP 2001522814 T2 20011120 JP 2000-520151 19981106

AT 238807 E 20030515 AT 1998-959383 19981106

PRIORITY APPLN. INFO.: US 1997-64891P P 19971107

WO 1998-US23673 W 19981106

AB IGF-I compns. include a solubilizing compd. comprising a
guanidinium group that provides for IGF-I compns. in which
IGF-I is highly sol. at pHs of about 5.5 or greater and at
refrigerated temps. IGF-I was formulated with arginine for injection.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(FILE 'HOME' ENTERED AT 17:12:44 ON 27 JAN 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT
17:13:39 ON 27 JAN 2004

L1 86011 S (INSULIN-LIKE GROWTH FACTOR-1) OR IGF-I

L2 3034 S COMPOSITION (P) L1

L3 73 S SOLUBILIZING COMPOUND

L4 368475 S ARGININE OR (GUANIDINE HYDROCHLORIDE) OR N-ACETYL-ARGININE OR

L5 1 S L2 (P) L4 (P) SOLUBILIZING

=> s l2 (p) l3

L6 1 L2 (P) L3

=> s l6 not l5

L7 0 L6 NOT L5

=> s l2 (p) pH (p) mg/ml

'ML' IS NOT A VALID FIELD CODE

'ML' IS NOT A VALID FIELD CODE

'ML' IS NOT A VALID FIELD CODE

'ML' IS NOT A VALID FIELD CODE

L8 0 L2 (P) PH (P) MG/ML

=> s buffer (p) pH (p) l2

L9 1 BUFFER (P) PH (P) L2

=> s l9 not l5

L10 1 L9 NOT L5

=> d l10 1 ibib abs

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1998:124031 CAPLUS

DOCUMENT NUMBER: 128:188629

TITLE: Composition comprising insulin and insulin-like growth factor-I (IGF-I)

INVENTOR(S): Clark, Ross G.; Oeswein, James Q.; Yeung, Douglas A.

PATENT ASSIGNEE(S): Genentech, Inc., USA

SOURCE: PCT Int. Appl., 56 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9806423	A1	19980219	WO 1997-US13566	19970731
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
US 5783556	A	19980721	US 1996-696314	19960813
ZA 9706598	A	19990217	ZA 1997-6598	19970724
CA 2261799	AA	19980219	CA 1997-2261799	19970731
AU 9738243	A1	19980306	AU 1997-38243	19970731
AU 731745	B2	20010405		
EP 918536	A1	19990602	EP 1997-935259	19970731
EP 918536	B1	20010919		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2000516229	T2	20001205	JP 1998-509799	19970731
EP 1114644	A1	20010711	EP 2001-106315	19970731
EP 1114644	B1	20020814		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
AT 205722	E	20011015	AT 1997-935259	19970731
ES 2162321	T3	20011216	ES 1997-935259	19970731
PT 918536	T	20020328	PT 1997-97935259	19970731
AT 222120	E	20020815	AT 2001-106315	19970731
PT 1114644	T	20021231	PT 2001-1106315	19970731
ES 2180523	T3	20030216	ES 2001-106315	19970731
AU 752411	B2	20020919	AU 2000-72263	20001214
PRIORITY APPLN. INFO.: US 1996-696314 A 19960813				
EP 1997-935259 A3 19970731				
WO 1997-US13566 W 19970731				

AB Formulations contg. NPH insulin are useful for treating hyperglycemic disorders, such as diabetes, in a mammal in need of treatment. One such formulation, which is preferably administered parenterally, more preferably by injection, comprises IGF-I and NPH insulin, in amts. of from or about 1 to 10 mg IGF-I and from or about 0.2 to 2 mg NPH insulin in a pharmaceutically acceptable carrier. Another such formulation comprises IGF-I and NPH insulin in an acetic acid salt buffer. Still another formulation comprises IGF-I and NPH insulin in a wt. ratio of NPH insulin to IGF-I of from or about 10:1 to 1:50 (wt./wt.), from or about 0.05 to 0.3 M of an osmolyte, from or about 0.1 to 10 mg/mL of a stabilizer, and from or about 5 to 100 mM of a buffer at from or about pH 5 to 7. A still further compn. comprises NPH insulin in an acetic acid salt buffer.

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> his

HIS IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> s (glutaric acid) or (maleic acid) or (succinic acid) or (citric acid) or imidazole or histidine

3 FILES SEARCHED...

5 FILES SEARCHED...

L11 450482 (GLUTARIC ACID) OR (MALEIC ACID) OR (SUCCINIC ACID) OR (CITRIC ACID) OR IMIDAZOLE OR HISTIDINE

=> s l11 (p) buffer

L12 11680 L11 (P) BUFFER

=> d his

(FILE 'HOME' ENTERED AT 17:12:44 ON 27 JAN 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT 17:13:39 ON 27 JAN 2004

L1 86011 S (INSULIN-LIKE GROWTH FACTOR-1) OR IGF-I
L2 3034 S COMPOSITION (P) L1
L3 73 S SOLUBILIZING COMPOUND
L4 368475 S ARGININE OR (GUANIDINE HYDROCHLORIDE) OR N-ACETYL-ARGININE OR
L5 1 S L2 (P) L4 (P) SOLUBILIZING
L6 1 S L2 (P) L3
L7 0 S L6 NOT L5
L8 0 S L2 (P) PH (P) MG/ML
L9 1 S BUFFER (P) PH (P) L2
L10 1 S L9 NOT L5
L11 450482 S (GLUTARIC ACID) OR (MALEIC ACID) OR (SUCCINIC ACID) OR (CITRIC
L12 11680 S L11 (P) BUFFER

=> s l2 (p) l12

L13 1 L2 (P) L12

=> s l13 not l9

L14 1 L13 NOT L9

=> s l14 not l5

L15 0 L14 NOT L5

=> s shirley b?/au

L16 328 SHIRLEY B?/AU

=> s bajwa k?/au

L17 40 BAJWA K?/AU

=> s (l16 or l17) and l2

L18 2 (L16 OR L17) AND L2

=> duplicate remove l18

PROCESSING COMPLETED FOR L18

L19 2 DUPLICATE REMOVE L18 (0 DUPLICATES REMOVED)

=> d l18 1-2 ibib abs

L18 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1999:325815 CAPLUS

DOCUMENT NUMBER: 130:343031

TITLE: Compositions providing for increased IGF-I solubility

INVENTOR(S): Shirley, Bret A.; Bajwa, Kamaljit

PATENT ASSIGNEE(S): Chiron Corporation, USA

SOURCE: PCT Int. Appl., 32 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 9924063	A1	19990520	WO 1998-US23673	19981106
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W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9915193	A1	19990531	AU 1999-15193	19981106
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EP 1028748	A1	20000823	EP 1998-959383	19981106
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EP 1028748	B1	20030502		
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

JP 2001522814	T2	20011120	JP 2000-520151	19981106
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AT 238807	E	20030515	AT 1998-959383	19981106
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PRIORITY APPLN. INFO.: US 1997-64891P P 19971107

WO 1998-US23673 W 19981106

AB IGF-I compns. include a solubilizing compd. comprising a guanidinium group that provides for IGF-I compns. in which IGF-I is highly

sol. at pHs of about 5.5 or greater and at refrigerated temps. IGF-I was formulated with arginine for injection.
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L18 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1999:325814 CAPLUS
DOCUMENT NUMBER: 130:343030
TITLE: Human IGF-I syrup composition and its use
INVENTOR(S): Shirley, Bret A.; Hora, Maninder S.
PATENT ASSIGNEE(S): Chiron Corporation, USA
SOURCE: PCT Int. Appl., 34 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9924062	A1	19990520	WO 1998-US23672	19981106
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DE, DK, DK, EE, EE, ES, FI, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9913847	A1	19990531	AU 1999-13847	19981106
EP 1028747	A1	20000823	EP 1998-957637	19981106
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2001522813	T2	20011120	JP 2000-520150	19981106
US 2003109427	A1	20030612	US 1998-187661	19981106
PRIORITY APPLN. INFO.: US 1997-64891P P 19971107				
US 1998-96081P P 19980811				
WO 1998-US23672 W 19981106				
AB A highly concd., low salt-contg., biol. active syrup form of IGF-I or variant thereof and methods for its prepn. are provided. This novel syrup form of IGF-I has an IGF-I concn. of at least about 250 mg/mL, a d. of about 1.0 g/mL to about 1.2 g/mL, and a viscosity of about 13,000 cP (cps) to about 19,000 cps, as measured at ambient temp. (23 °C). The IGF-I syrup is prepd. by pptg. or partitioning IGF-I from soln., preferably by adjusting the soln. pH or by use of a soly. enhancer to conc. IGF-I in soln. followed by removal of the soly. enhancer. The pptd. syrup is useful as a means of storing IGF-I in a stable form and as a means of prepg. compns. comprising biol. active IGF-I. Pharmaceutical compns. and kits comprising this concd. IGF-I syrup are provided. The pptd. IGF-I syrup, IGF-I reconstituted from the IGF-I syrup, pharmaceutical compns., and kits are useful in IGF-I therapy directed to IGF-I-responsive conditions.				
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT				

=> d his

(FILE 'HOME' ENTERED AT 17:12:44 ON 27 JAN 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT
17:13:39 ON 27 JAN 2004

L1 86011 S (INSULIN-LIKE GROWTH FACTOR-1) OR IGF-I
L2 3034 S COMPOSITION (P) L1
L3 73 S SOLUBILIZING COMPOUND
L4 368475 S ARGININE OR (GUANIDINE HYDROCHLORIDE) OR N-ACETYL-ARGININE OR
L5 1 S L2 (P) L4 (P) SOLUBILIZING
L6 1 S L2 (P) L3
L7 0 S L6 NOT L5
L8 0 S L2 (P) PH (P) MG/ML
L9 1 S BUFFER (P) PH (P) L2
L10 1 S L9 NOT L5
L11 450482 S (GLUTARIC ACID) OR (MALEIC ACID)OR (SUCCINIC ACID) OR (CITRIC
L12 11680 S L11 (P) BUFFER
L13 1 S L2 (P) L12
L14 1 S L13 NOT L9
L15 0 S L14 NOT L5
L16 328 S SHIRLEY B?/AU
L17 40 S BAJWA K?/AU
L18 2 S (L16 OR L17) AND L2
L19 2 DUPLICATE REMOVE L18 (0 DUPLICATES REMOVED)

=> log y

COST IN U.S. DOLLARS	ENTRY	SINCE FILE SESSION	TOTAL
FULL ESTIMATED COST		90.67	91.09

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	ENTRY	SINCE FILE SESSION	TOTAL
CA SUBSCRIBER PRICE		-2.77	-2.77

STN INTERNATIONAL LOGOFF AT 17:24:44 ON 27 JAN 2004